

ABSTRACT OF THE DISCLOSURE

A voltage control oscillator includes an oscillator circuit for oscillating in a plurality of frequency bands, an amplifier circuit for amplifying an oscillation signal from the oscillator circuit, a control terminal from which a control voltage is applied to the oscillator circuit, a power supply terminal of the oscillator circuit, a power supply terminal of the amplifier circuit, and an output terminal through which an output signal is output. The amplifier circuit includes a resistance changing unit connected between the emitter of an amplifier transistor and the ground, in which a resistor is connected in parallel to a series circuit including a resistor and a switch, so as to reduce current flow when an apparatus incorporating the oscillator is not working.